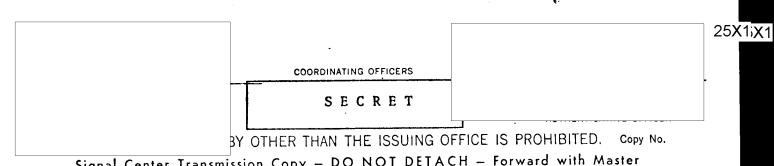


SAC OFFUTT AFB OMAHA, NEBR
100 SRW OL 19 MCCOY AFB FLA
DIA WASH DC
CIA WASH DC
15TH AF MARCH AFB RIVERSIDE, CALIF
HQ USAF WASH DC
100 SRW DAVIS MONTHAN AFB ARIZ
12 SAD DAVIS MONTHAN AFB ARIZ
544 ARTW OFFUTT AFB OMAHA, NEBR
NAVRECONTECHSUPCEN, SUITLAND MD
WRAMA/WRNWA WARNER ROBBINS AFB, GA

SECRET

SAC FOR DIRI, DOSR, DISD, DM4C, DPLC; 100 SRW DAVIS MONTHAN AFB FOR DO, DCOI, DCM, AEMS; 12 SAD FOR MD; DIA FOR DIAXX-1; HQ USAF FOR AFIGOS, AFXOTR; 15TH AF FOR DI, DO, DM4C.



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THIS IS A MESSAGE

SUBJECT: EVALUATION OF OLD HEAD TEST MISSION 003

1. BACKGROUND: THIS MISSION WAS FLOWN TO DETERMINE THE EFFECTS OF CAMERA STABILIZATION TIME ON IMAGE QUALITY. PRESENTLY, THE SENSOR IS AT ALTITUDE FOR AT LEAST TWO HOURS PRIOR TO ACTIVATION. ALL FLIGHT PARAMETERS WERE THE SAME AS AN OPERATIONAL MISSION EXCEPT FOR CAMERA START-UP TIME.

- 2. MISSION DATA:
 - A. OH TEST 003, 29 JAN 70
 - B. IRIS II, 8007
 - C. A/C NO: 339
 - D. STEREO
 - E. T/O: 1454, C/ON: 1543
 - F. 3404, W-23A
 - G. MX-819-1, NRTSC
 - H. AVG GAMMA: 1.75
 - I. SLIT: 0.095

COORDINATING OFFICERS

RELEASING OFFICER

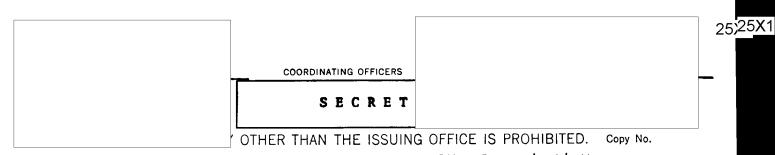
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- 3. TEST RESULTS: THE IMAGE QUALITY THROUGHOUT THE MISSION IS POOR EXCEPT FOR A SMALL PORTION ACQUIRED AFTER 2 HOURS OF FLIGHT. THE QUALITY OF THIS IMAGERY IS GENERALLY FAIR TO GOOD.
- 4. CONCLUSIONS: IT IS RECOMMENDED THAT A TWO HOUR CAMERA STABILIZATION TIME CONTINUE TO BE USED. HOWEVER, WHEN A PRE-CONDITIONING UNIT BECOMES AVAILABLE TO THE PROGRAM ANOTHER TEST SHOULD BE CONDUCTED TO DETERMINE WHETHER THE CAMERA STABILIZATION TIME CAN BE REDUCED.

END OF MESSAGE



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